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**TRANSMITTAL  
FORM**

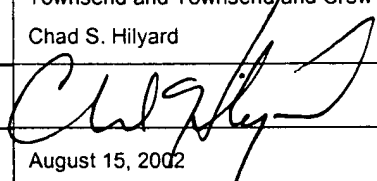
(to be used for all correspondence after initial filing)

<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	<b>Application Number</b>	10/057,824	
	<b>Filing Date</b>	January 25, 2002	
	<b>First Named Inventor</b>	Schwengler, Thomas	
	<b>Group Art Unit</b>	2872	
	<b>Examiner Name</b>	Unassigned	
<b>Total Number of Pages in This Submission</b>	<b>3</b>	<b>Attorney Docket Number</b>	<b>020366-080800US</b>

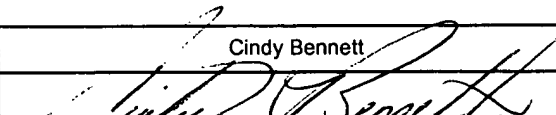
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<b>Remarks</b>		The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

<b>Firm and Individual name</b>	Townsend and Townsend and Crew LLP Chad S. Hilyard	<b>Reg. No.</b> 40,647
<b>Signature</b>		
<b>Date</b>	August 15, 2002	

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PTO/SB/81 (02-01)

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POWER OF ATTORNEY OR  
AUTHORIZATION OF AGENT

Application Number	10/057,824
Filing Date	January 25, 2002
First Named Inventor	Thomas Schwengler
Title	OPTICAL - RF MIXED ANTENNA
Group Art Unit	2872
Examiner Name	Unassigned
Attorney Docket Number	020366-080800US

I hereby appoint:

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☐ Applicant/Inventor.☒ Assignee of record of the entire interest. See 37 CFR 3.71.

Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

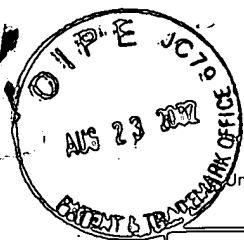
## SIGNATURE of Applicant or Assignee of Record

Name	Mr. David Halvorson, Senior Attorney
Signature	
Date	9/15/02

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

☐ \*Total of \_\_\_\_\_ forms are submitted.

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Attorney Docket No. 020366-080800US

**STATEMENT UNDER 37 CFR 3.73(b)**

Applicant/Patent Owner: Thomas Schwengler

Application No./Patent No.: 10/057,824

Filed/Issue Date: January 25, 2002

Entitled: OPTICAL - RF MIXED ANTENNA

Qwest Communications International, Inc., a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.  
The extent (by, percentage) of its ownership interest is \_\_\_\_\_ %

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 12893, Frame 0305, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

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☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.

**[NOTE:** A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.8]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

4/25/02  
Date

Mr. David Halvorson  
Typed or printed name  
[Signature]  
Signature  
Senior Attorney  
Title

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